

Èric Folch Martínez

Computer Engineering Student

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Computer Engineering student passionate about technological innovation. I define myself as a curious, self-taught, and adaptable person with a great ability to collaborate in a team. I enjoy designing and developing personal projects that require planning and creativity. My interest in 3D printing, nature, and sports provides me with a problem-solving mindset, allowing me to bring different approaches to the projects I participate in.

WORK EXPERIENCE

English Academy Teacher | MT Idioms

September 2024 – February 2025

Responsible for multiple student groups aged 5 to 17. Preparing personalized lessons tailored to their specific needs. Helping to develop and improve new language skills.

Private Teacher | Private Lessons

January 2021 – Present

Personalized lessons across multiple subjects for primary, secondary, and high school students. Tailored lessons adapted to each student's needs and learning pace. Identifying and addressing specific obstacles in individual student learning.

FEATURED PROJECTS

AI Code Reviewer

Python, Llama 3, Groq API

Application utilizing the Groq API to automatically review code across multiple programming languages, identifying performance issues, vulnerabilities, and violations of SOLID and Clean Code principles.

Price Tracker

Python (Fast API), Docker, Streamlit, SQLAlchemy

E-commerce price monitoring system (currently supporting Amazon, with a modular design for easy expansion) featuring an API and deployed on a server via Docker.

Certishot

React Native, FastAPI, PostgreSQL, Docker, OpenAI API

Full-stack mobile and web app for digital certification of photographic evidence, combining RSA-signed metadata, QR-verifiable PDF certificates, and AI-generated image descriptions via OpenAI.

HARD SKILLS

- C/C++
- Python
- Java
- Docker
- JavaScript
- HTML/CSS/PHP
- Astro/Tailwind
- MongoDB
- PostgreSQL
- Git/GitHub

EDUCATION

- 3rd year of Computer Engineering, UAB (2023 – Present)

LANGUAGES

- English: Advanced (C1)
- German: Elementary
- Catalan: Native
- Spanish: Native

PERSONAL INTERESTS

- 3D Printing
- Rock climbing / Sports
- Nature
- Music and Piano